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Thompson, Leslie
Housman, David E.

<130> 01997-289001

<151> 2000-08-18

<160> 12

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetically generated peptide

<400> 1

Val Gln Ile Val Tyr Lys

1

5

<210> 2

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetically generated peptide

<400> 2

Leu Lys Thr Ile Ala Leu Arg Ala Arg

1

5

<210> 3

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

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Glu Glu Gln Ser Arg Leu Ala Ala Arg Lys Tyr Ala Arg

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10

<210> 4

<211> 11

Leu Thr His Gln Gln Phe
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<210> 8
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<220>
<223> Synthetically generated peptide

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Pro Glu Leu Phe Pro Gly Leu Ile Tyr Arg Met Ile Lys Pro Arg Ile
20 25 30
Val Leu Leu Ile Phe Val Ser Gly Lys Val Val Leu Thr Gly Ala Lys
35 40 45
Val Arg Ala Glu Ile Tyr Glu Ala Phe Glu Asn Ile Tyr Pro Ile Leu
50 55 60
Lys Gly Phe Arg Lys
65

<210> 9
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetically generated primer

<400> 9
caacagcagc aacagcaa

18

<210> 10
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetically generated primer

<400> 10
ttgttgctgt tgctgctg

18

<210> 11
<211> 68
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetically generated primer

<400> 11
Leu Glu Gly Leu Val Leu Thr His Gln Gln Phe Ser Ser Tyr Glu Pro
1 5 10 15

Glu Leu Phe Pro Gly Leu Ile Tyr Arg Met Ile Lys Pro Arg Ile Val
 20 25 30
 Leu Leu Ile Phe Val Ser Gly Lys Val Val Leu Thr Gly Ala Lys Val
 35 40 45
 Arg Ala Glu Ile Tyr Glu Ala Phe Glu Asn Ile Tyr Pro Ile Leu Lys
 50 55 60
 Gly Phe Arg Lys
 65

<210> 12
 <211> 338
 <212> PRT
 <213> Homo sapiens

<400> 12
 Met Asp Gln Asn Asn Ser Leu Pro Pro Tyr Ala Gln Gly Leu Ala Ser
 1 5 10 15
 Pro Gln Gly Ala Met Thr Pro Gly Ile Pro Ile Phe Ser Pro Met Met
 20 25 30
 Pro Tyr Gly Thr Gly Leu Thr Pro Gln Pro Ile Gln Asn Thr Asn Ser
 35 40 45
 Leu Ser Ile Leu Glu Glu Gln Gln Arg Gln Gln Gln Gln Gln Gln Gln
 50 55 60
 Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
 65 70 75 80
 Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Ala
 85 90 95
 Val Ala Ala Ala Ala Val Gln Gln Ser Thr Ser Gln Gln Ala Thr Gln
 100 105 110
 Gly Thr Ser Gly Gln Ala Pro Gln Leu Phe His Ser Gln Thr Leu Thr
 115 120 125
 Thr Ala Pro Leu Pro Gly Thr Thr Pro Leu Tyr Pro Ser Pro Met Thr
 130 135 140
 Pro Met Thr Pro Ile Thr Pro Ala Thr Pro Ala Ser Glu Ser Ser Gly
 145 150 155 160
 Ile Val Pro Gln Leu Gln Asn Ile Val Ser Thr Val Asn Leu Gly Cys
 165 170 175
 Lys Leu Asp Leu Lys Thr Ile Ala Leu Arg Ala Arg Asn Ala Glu Tyr
 180 185 190
 Asn Pro Lys Arg Phe Ala Ala Val Ile Met Arg Ile Arg Glu Pro Arg
 195 200 205
 Thr Thr Ala Leu Ile Phe Ser Ser Gly Lys Met Val Cys Thr Gly Ala
 210 215 220
 Lys Glu Glu Gln Ser Arg Leu Ala Ala Arg Lys Tyr Ala Arg Val Val
 225 230 235 240
 Gln Lys Leu Gly Phe Pro Ala Lys Phe Leu Asp Phe Lys Ile Gln Asn
 245 250 255
 Met Val Gly Ser Cys Asp Val Lys Phe Pro Ile Arg Leu Glu Gly Leu
 260 265 270
 Val Leu Thr His Gln Gln Phe Ser Ser Tyr Glu Pro Glu Leu Phe Pro
 275 280 285
 Gly Leu Ile Tyr Arg Met Ile Lys Pro Arg Ile Val Leu Leu Ile Phe
 290 295 300
 Val Ser Gly Lys Val Val Leu Thr Gly Ala Lys Val Arg Ala Glu Ile
 305 310 315 320
 Tyr Glu Ala Phe Glu Asn Ile Tyr Pro Ile Leu Lys Gly Phe Arg Lys
 325 330 335

"BEE" 000000

